

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1 to 5. (Canceled).

Claim 6 (New): A disk clutch, with which a first body (1) and a second body (2) in which a pressure valve (5) to which a hydraulic pressure is applied is mounted in a rotationally fixed but axially displaceable manner, can be connected to one another in a non-positive manner via intermeshing disks that can be acted upon by the force of a pressure valve (5), of a manual transmission for motor vehicles in particular, with a spring force of a spring mechanism which influences the adjusting force produced by a power source for operation of the clutch, wherein the spring mechanism (3) and/or at least one of its thrust bearings is/are provided with

a sensor (4) which detects solid-state changes for determining the spring force emanating from the spring mechanism (3) and a device for transmitting the measured values thus determined for regulating the adjusting power source, whereby a deceleration force of the hydraulic pressure applied to the pressure valve (5) counteracting the spring mechanism in the opening of the clutch is part of the adjusting force or thrust force acting on the clutch.

Claim 7 (New): The clutch according to Claim 6, wherein the spring mechanism (3) consists of at least one plate spring or a combination of a plate spring with an ondular washer.

Claim 8 (New): The clutch according to Claim 6, wherein the sensor (4) is designed as a piezoresistive, amorphous carbon layer applied permanently to a surface area of the spring mechanism (3) or a thrust bearing thereof.

Claim 9 (New): The clutch according to claim 6, wherein the sensor (4) is provided with means for a telemetric signal pickup.

Claim 10 (New): A method for operating a clutch according to claim 6, wherein the adjusting force acting on the clutch is controlled and/or regulated as a function of characteristic values of the spring mechanism (3) currently determined by the sensor (4) and/or its at least one thrust bearing.